

## Anti-Phospho-Polo-Like Kinase-Thr210 antibody (STJA0003749)

STJA0003749

### GENERAL INFORMATION

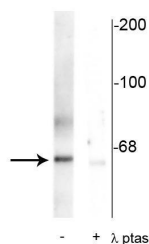
|                          |                                                                                                                            |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b>Product Type</b>      | Primary antibodies                                                                                                         |
| <b>Short Description</b> | Rabbit polyclonal antibody anti-Phospho-Polo-Like Kinase-Thr210 is suitable for use in Western Blot research applications. |
| <b>Applications</b>      | WB                                                                                                                         |
| <b>Host/Source</b>       | Rabbit                                                                                                                     |
| <b>Reactivity</b>        | Human/Rat/Bovine/Canine/Non-Human Primates/Mouse/Xenopus/Zebrafish                                                         |

### PRODUCT PROPERTIES

|                            |                                                                                                |
|----------------------------|------------------------------------------------------------------------------------------------|
| <b>Clonality</b>           | Polyclonal                                                                                     |
| <b>Clone ID</b>            |                                                                                                |
| <b>Concentration</b>       |                                                                                                |
| <b>Conjugation</b>         | Unconjugated                                                                                   |
| <b>Purification</b>        | This antibody was antigen affinity purified from pooled serum.                                 |
| <b>Dilution Range</b>      | WB 1:1000                                                                                      |
| <b>Formulation</b>         | 100 µl in 10 mM HEPES (pH 7.5) , 150 mM NaCl, 100 µg per ml BSA and 50% Glycerol.              |
| <b>Isotype</b>             | IgG                                                                                            |
| <b>Storage Instruction</b> | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles. |

### TARGET INFORMATION

|                           |                                                                                                      |
|---------------------------|------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>            | 5347                                                                                                 |
| <b>Gene Symbol</b>        | PLK1                                                                                                 |
| <b>Uniprot ID</b>         | PLK1_HUMAN                                                                                           |
| <b>Immunogen</b>          | Synthetic phospho-peptide corresponding to amino acid residues surrounding Thr210 conjugated to KLH. |
| <b>Immunogen Region</b>   |                                                                                                      |
| <b>Specificity</b>        |                                                                                                      |
| <b>Immunogen Sequence</b> |                                                                                                      |



Western blot of rat synaptic membrane showing specific immunolabeling of the ~66 kDa PLK protein phosphorylated at Thr210 in the first lane (-). Phosphospecificity is shown in the second lane (+) where the immunolabeling is completely eliminated by blot treatment with lambda phosphatase ( Lambda-Ptase, 1200 units for 30 minutes).

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081